Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-38 (canceled)

39. (New) A method for transmission of messages, comprising:

transmitting a message from a first message service provider to a second message service provider, and

evaluating the message at the second message service provider,

wherein the message contains at least a first header field which includes a reference to at least one network element of the first message service provider which was involved in processing the message.

40. (New) A method in accordance with Claim 39, further comprising

transmitting the message from the second message service provider to a network element outside a service environment with the message containing at least a second header field which features a reference to at least one network element of the second message service provider which was involved in the processing of the message.

41. (New) A method in accordance with Claim 40, wherein

the message, on transmission from the second message service provider to the network element outside a service environment contains the first header field which features a reference to at least one network element of the first message service provider which was involved in the processing of the message.

42. (New) A method in accordance with Claim 40, further comprising

transmitting the message from the network element outside the service environment back via the second message service provider to the first message service provider, with the reference(s) set from the first and/or second header field being resolved in each return transmission step.

43. (New) A method in accordance with Claim 39, wherein

the reference features the specification of a return path.

44. (New) A method in accordance with Claim 39, wherein

the transmitted message is evaluated after arrival at the second message service provider from a switching

node.

45. (New) A method in accordance with Claim 39, wherein

the functionality of the message is evident from at least one header field.

46. (New) A method in accordance with Claim 44, wherein

the switching node determines, as a function of a header field, to which network element in the second

message service provider the message will be relayed.

47. (New) A method in accordance with Claim 41, wherein

a switching node is embodied as a self-contained network element.

48. (New) A method in accordance with Claim 41, wherein

a switching node is integrated into a relaying means.

49. (New) A system for transmission of messages, comprising:

a first message service provider configured to transmit a message to a second message service provider;

and

a device for evaluating the message at the second message service provider,

wherein the message contains at least a first header field which includes a reference to at least one network

element of the first message service provider which was involved in processing the message.

50. (New) A system in accordance with Claim 49, wherein

the second message service provider is configured to transmit the message to a network element outside a

service environment, the message containing at least a second header field which features a reference to at least one

network element of the second message service provider which was involved in the processing of the message.

51. (New) A system in accordance with Claim 50, wherein

the message, on transmission from the second message service provider to the network element outside a service environment, contains the first header field which features a reference to at least one network element of the first message service provider which was involved in the processing of the message.

52. (New) A system in accordance with Claim 50, wherein

the network element outside the service environment back is configured to transmit the message via the second message service provider to the first message service provider, with the reference(s) set from the first and/or second header field being resolved in each return transmission step.

53. (New) A system in accordance with Claim 49, wherein

the reference features the specification of a return path.

54. (New) A system in accordance with Claim 49, wherein

a switching node is configured to evaluate the message after arrival at the second message service.

55. (New) A system in accordance with Claim 49, wherein

the functionality of the message is evident from at least one header field.

56. (New) A system in accordance with one of the Claims 54, wherein

the switching node determines, as a function of a header field, the network element in the second message service provider to which the message will be relayed.

57. (New) A system in accordance with one of the Claims 54, wherein

the switching node is embodied as a self-contained network element.

58. (New) A system in accordance with one of the Claims 54, wherein the switching node is integrated into a relaying means.

59. (New) A system in accordance with Claim 49, wherein the system includes a mobile radio terminal.

60. (New) A method in accordance with Claim 39, further including using a mobile radio terminal.

61. (New) A system in accordance with Claim 49, wherein the system includes a Transceiver.

62. (New) A method in accordance with Claim 39, further including using a Transceiver.